



US00D877813S

(12) **United States Design Patent** (10) **Patent No.:** **US D877,813 S**
Lei (45) **Date of Patent:** **** Mar. 10, 2020**

(54) **BUBBLE WAND**
(71) Applicant: **Li-Ping Lei**, Hunan Province (CN)
(72) Inventor: **Li-Ping Lei**, Hunan Province (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/655,377**
(22) Filed: **Jul. 3, 2018**
(51) **LOC (12) Cl.** **21-01**
(52) **U.S. Cl.**
USPC **D21/402**
(58) **Field of Classification Search**
USPC D21/400-402, 404, 405, 457, 465, 466,
D21/567; D3/7, 10, 12, 13, 17;
D30/160; D8/DIG. 6; 446/15-21, 402
CPC A63H 33/28
See application file for complete search history.

6,558,220 B1 * 5/2003 Kadoshima A63H 33/28
446/15
D706,360 S * 6/2014 Lo D21/402
D740,015 S * 10/2015 Berberian D3/7
2015/0231522 A1 * 8/2015 Loveless A63H 33/28
446/15

FOREIGN PATENT DOCUMENTS

CN 301265832 * 6/2010
CN 301824808 * 2/2012
CN 302436232 * 5/2013
CN 302874887 * 7/2014
CN 303388337 * 9/2015
CN 305076796 * 3/2019
DE 4204061 A1 * 8/1993 A63H 33/28
GB 4025382 * 8/2012
IL 52676 * 5/2014
WO WO-8605408 A1 * 9/1986 A63H 33/28

* cited by examiner

Primary Examiner — Catherine A Tuttle

(57) **CLAIM**

The ornamental design for a bubble wand, as shown and described.

DESCRIPTION

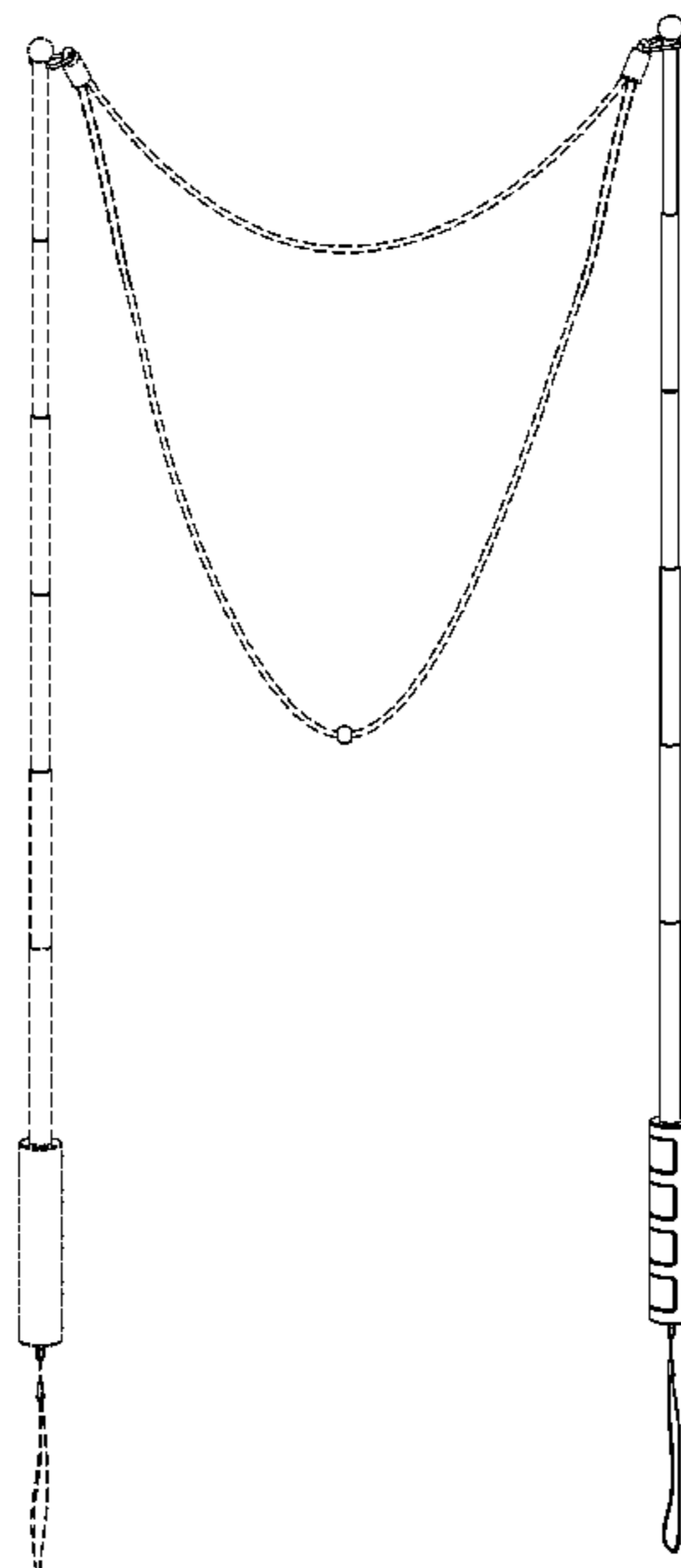
FIG. 1 is a perspective view of a bubble wand showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a rear perspective view thereof; and,
FIG. 9 is a perspective reference view thereof.
The broken lines showing the second wand and loops structure are for illustrative purposes only and form no part of the claimed design.

1 Claim, 9 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

D61,552 S * 10/1922 Woerner D3/7
D156,833 S * 1/1950 Juergens D30/156
2,928,205 A * 3/1960 Fulton A63H 33/28
446/15
D226,205 S * 1/1973 Carreiro D21/726
D306,465 S * 3/1990 Klundt D21/401
D309,372 S * 7/1990 Cain D3/12
5,002,512 A * 3/1991 Stein A63H 33/28
446/15
5,135,422 A * 8/1992 Bowen A63H 33/28
446/15
5,183,428 A * 2/1993 Lin A63H 33/28
446/15
5,224,893 A * 7/1993 Routzong A63H 33/28
446/15
D426,264 S * 6/2000 Schimmel D19/122
6,551,163 B1 * 4/2003 Mitchell A63H 33/28
446/15



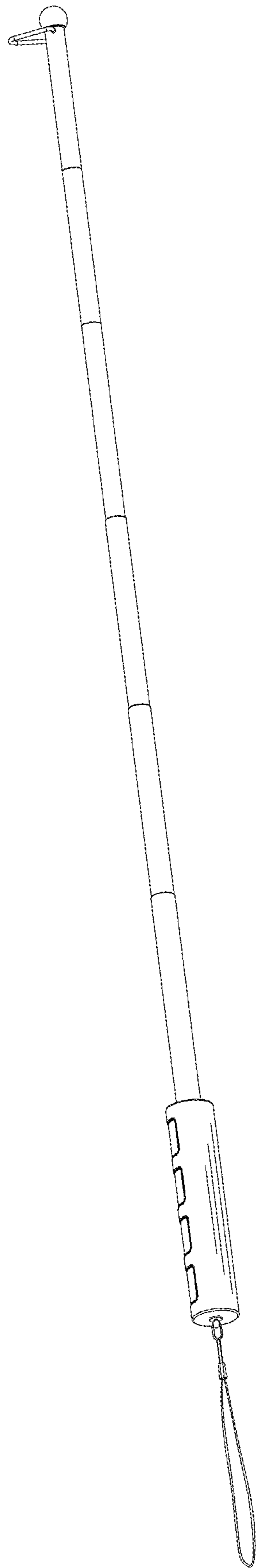


FIG. 1

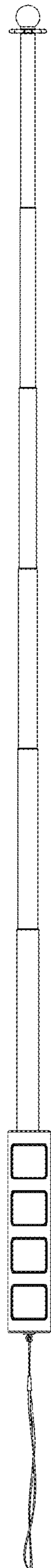


FIG. 2

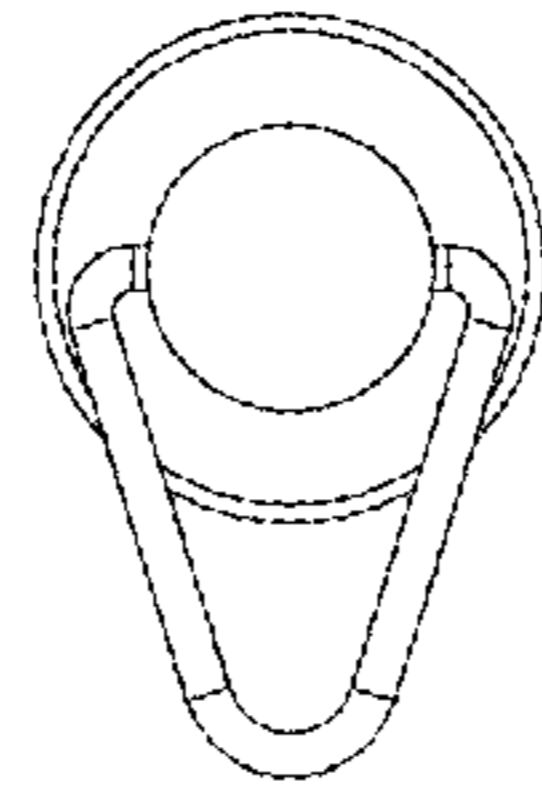


FIG. 3

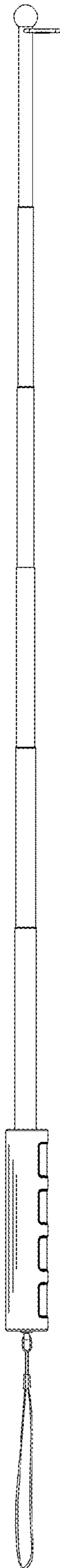


FIG. 4

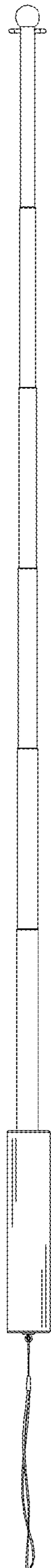


FIG. 5

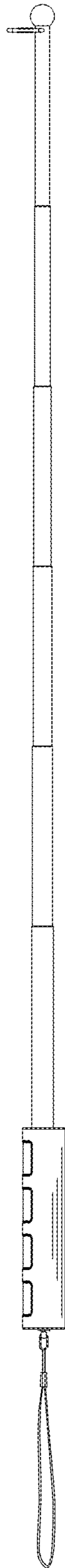


FIG. 6

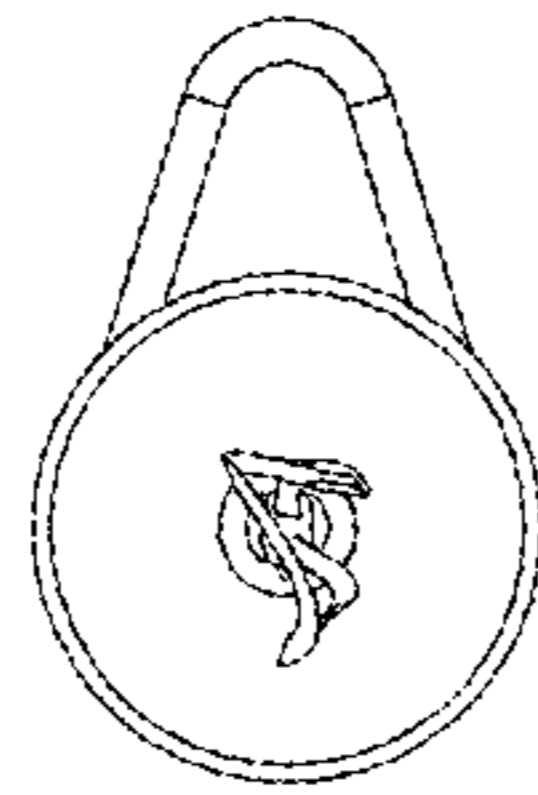


FIG. 7

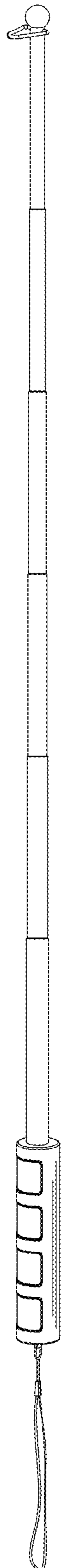


FIG. 8

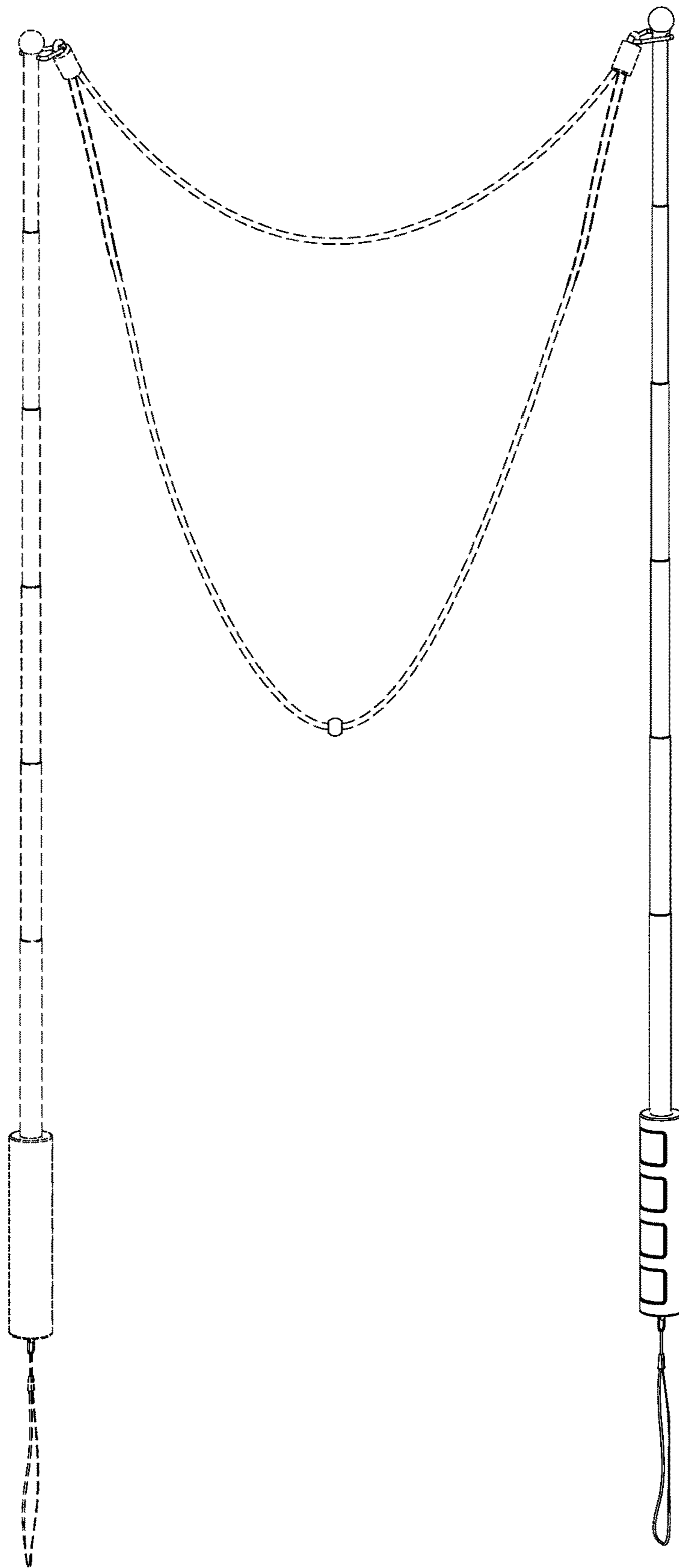


FIG. 9